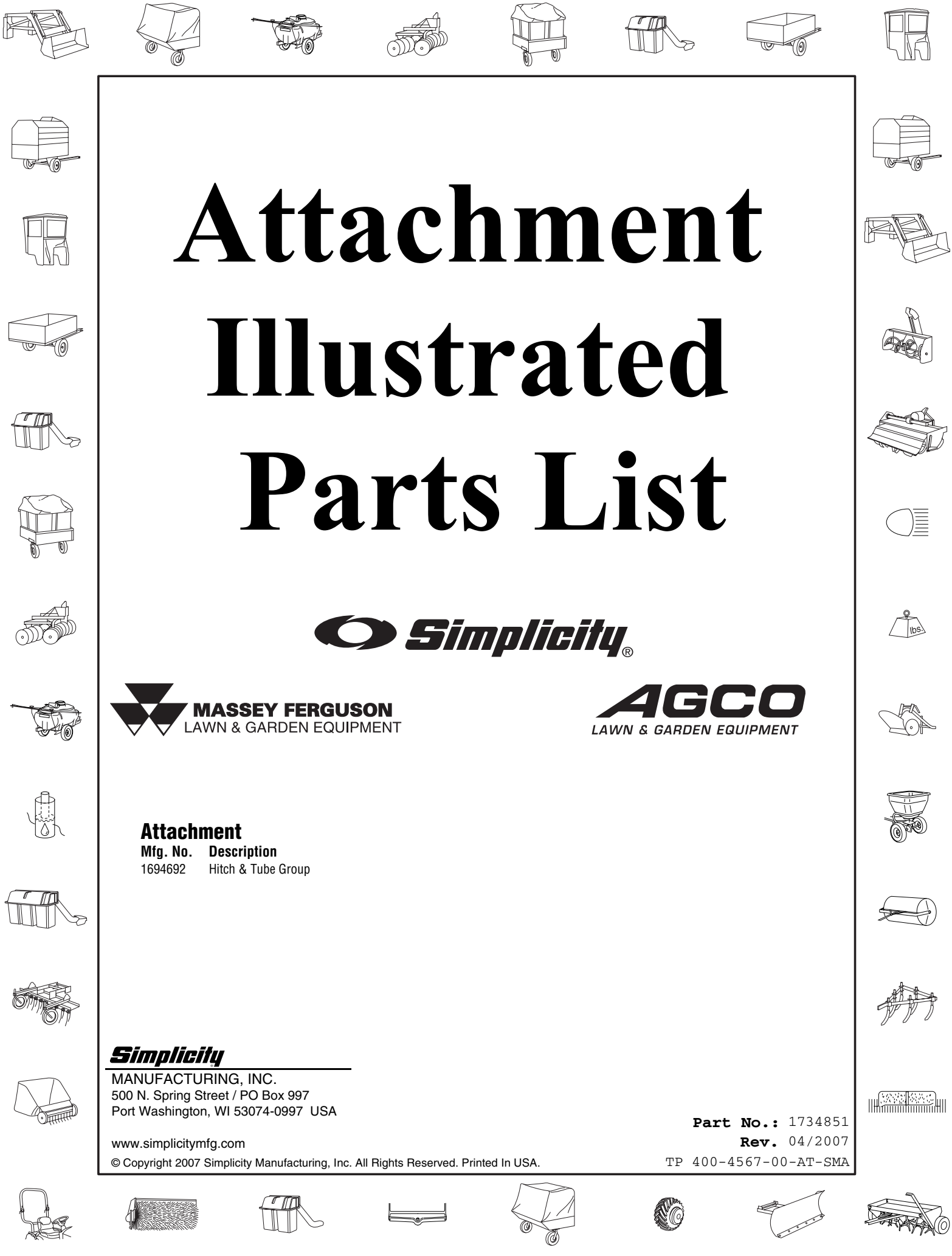

Attachment Illustrated Parts List

Simplicity®

MASSEY FERGUSON
LAWN & GARDEN EQUIPMENT

AGCO
LAWN & GARDEN EQUIPMENT

Attachment

Mfg. No.	Description
1694692	Hitch & Tube Group

Simplicity
MANUFACTURING, INC.
500 N. Spring Street / PO Box 997
Port Washington, WI 53074-0997 USA

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Part No.: 1734851
Rev. 04/2007
TP 400-4567-00-AT-SMA

PRODUCT COMPONENTS **PAGES**

Hitch and Tube Group 4

Torque Specification Chart ..... Inside Back Cover

Hitch and Tube Group

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

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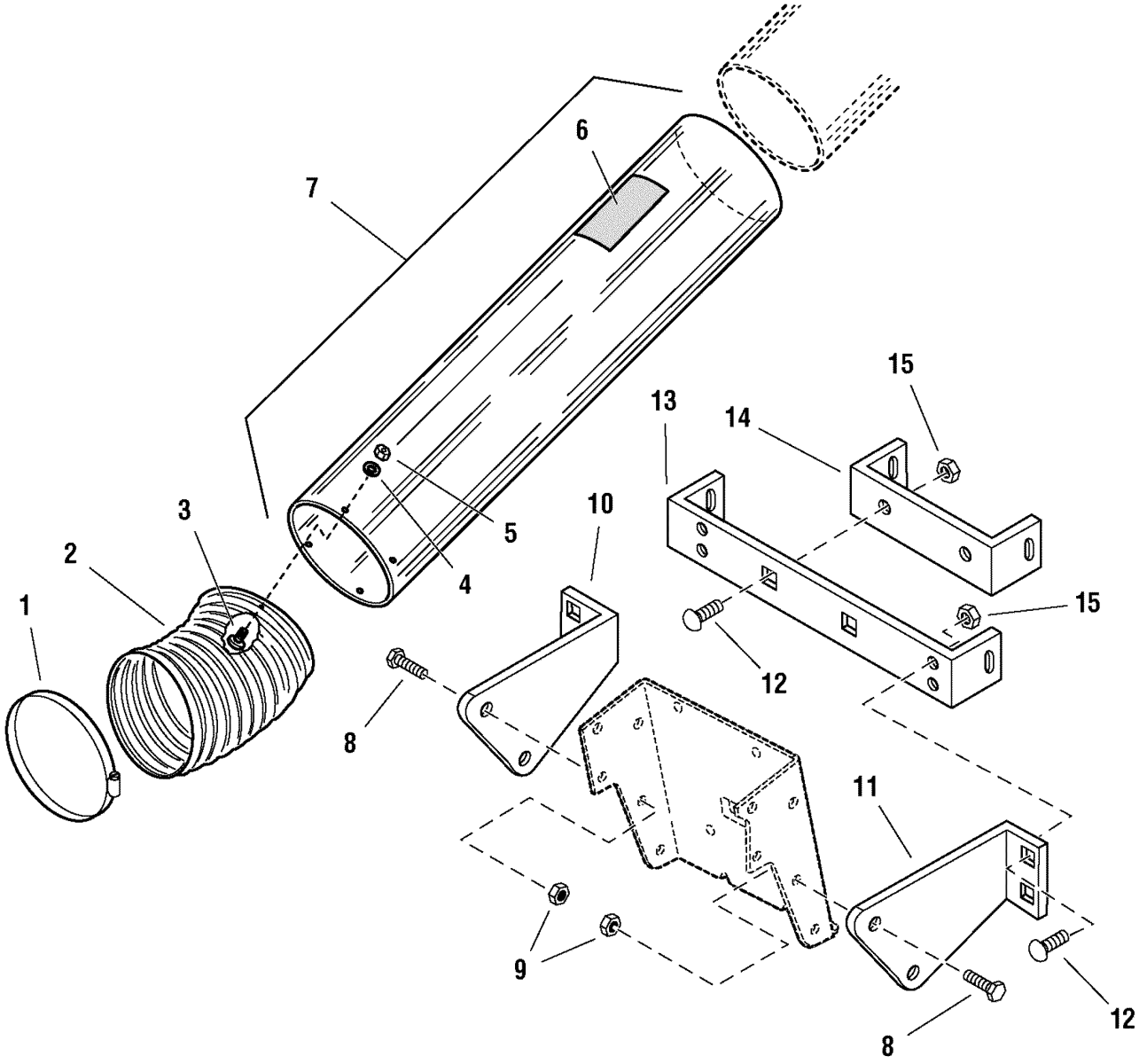

The above parts group applies to the following Mfg. Nos.:

1694692 - Hitch & Tube Group

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Hitch and Tube Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1679896SM	1	CLAMP, Hose 6", Band Type
2	1679895SM	1	HOSE, Vac Col, 6 x 12
3	1930531SM	4	SCREW, Truss Head Phillips, #10-32 x 1/2
4	1910531SM	4	WASHER, #10-32
5	1928919SM	4	NUT, Hex Washer Assembly, #10-32
6	1675766SM	1	DECAL, Cleaning Instructions
7	1700773SM	1	TUBE & DECAL ASSEMBLY (Includes Ref. No. 6)
8	1921210SM	4	CAPSCREW, Hex Head, 3/8-16 x 1
9	1930645SM	4	NUT, Hex Centerlock, 3/8-16
10	1727133ASM	1	BRACKET, LH
11	1727132ASM	1	BRACKET, RH
12	1960268SM	6	CARRIAGE BOLT, 3/8-16 x 1-1/4
13	1724807SM	1	CROSS BAR
14	1725599SM	1	HITCH, Inner
15	1919439SM	6	NUT, Nylock, 3/18-16

Footnotes

The above parts group applies to the following Mfg. Nos.:
1694692 - Hitch & Tube Group

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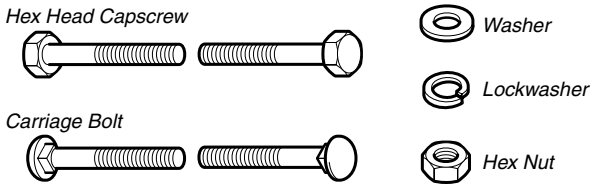
Hardware Identification & Torque Specifications

Common Hardware Types

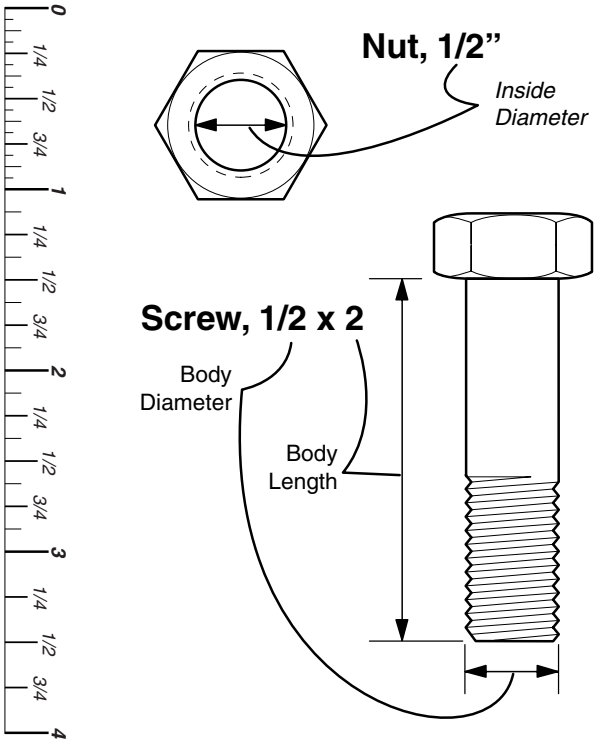


Standard Hardware Sizing

When a washer or nut is identified as **1/2"**, this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch; if a second number is present it represent the *threads per inch*

When bolt or capscrew is identified as **1/2 - 16 x 2"**, this means the *Nominal size*, or *body diameter* is 1/2 inch; the second number represents the *threads per inch* (16 in this example, and the final number is the *body length* of the bolt or screw (in this example 2 inches long).

The guides and ruler furnished below are designed to help you select the appropriate hardware and tools.



Torque Specification Chart

FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)

Hardware Grade	SAE Grade 2		SAE Grade 5		SAE Grade 8	
Size Of Hardware	*in/lbs* **ft/lbs**	Nm.	*in/lbs* **ft/lbs**	Nm.	**in/lbs** **ft/lbs**	Nm.
8-32	*19*	2.1	*30*	3.4	*41*	4.6
8-36	*20*	2.3	*31*	3.5	*43*	4.9
10-24	*27*	3.1	*43*	4.9	*60*	6.8
10-32	*31*	3.5	*49*	5.5	*68*	7.7
1/4-20	*66*	7.6	**8**	10.9	**12**	16.3
1/4-28	*76*	8.6	**10**	13.6	**14**	19.0
5/16-18	**11**	15.0	**17**	23.1	**25**	34.0
5/16-24	**12**	16.3	**19**	25.8	**27**	34.0
3/8-16	**20**	27.2	**30**	40.8	**45**	61.2
3/8-24	**23**	31.3	**35**	47.6	**50**	68.0
7/16-14	**30**	40.8	**50**	68.0	**70**	95.2
7/16-20	**35**	47.6	**55**	74.8	**80**	108.8
1/2-13	**50**	68.0	**75**	102.0	**110**	149.6
1/2-20	**55**	74.8	**90**	122.4	**120**	163.2
9/16-12	**65**	88.4	**110**	149.6	**150**	204.0
9/16-18	**75**	102.0	**120**	163.2	**170**	231.2
5/8-11	**90**	122.4	**150**	204.0	**220**	299.2
5/8-18	**100**	136	**180**	244.8	**240**	326.4
3/4-10	**160**	217.6	**260**	353.6	**386**	525.0
3/4-16	**180**	244.8	**300**	408.0	**420**	571.2
7/8-9	**140**	190.4	**400**	544.0	**600**	816.0
7/8-14	**155**	210.8	**440**	598.4	**660**	897.6
1-8	**220**	299.2	**580**	788.8	**900**	1,244.0
1-12	**240**	326.4	**640**	870.4	**1,000**	1,360.0

NOTES

1. These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
2. Recommended seating torque values for locknuts:
   a. for prevailing torque locknuts - use 65% of grade 5 torques.
   b. for flange whizlock nuts and screws - use 135% of grade 5 torques.
3. Unless otherwise noted on assembly drawings, all torque values must meet this specification.

Wrench & Fastener Size Guide

1/4" Bolt or Nut
Wrench—7/16"

5/16" Bolt or Nut
Wrench—1/2"

3/8" Bolt or Nut
Wrench—9/16"

7/16" Bolt or Nut
Wrench (Bolt)—5/8"
Wrench (Nut)—11/16"

1/2" Bolt or Nut
Wrench—3/4"